

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.

[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



August, 2020

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

### **Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

### **Jacks Peak at Silver City, NM:**

145.210 Linked

### **West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

### **Pinal Peak at Globe, AZ:**

145.410 Linked

### **South Mt at Alpine, AZ:**

145.270 Linked

### **Caballo Mt at TorC, NM:**

145.470 Linked

### **Greens Peak at Show Low, AZ**

146.700 Linked

### **Little Florida at Deming, NM:**

147.060 Linked

### **Mule Mt at Bisbee, AZ:**

147.080 Linked

### **Mt Lemmon at Tucson, AZ**

147.160 Linked

### **Guthrie Peak at Clifton, AZ:**

147.280 Linked

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

[Facebook.com/groups/galsnightnet](https://www.facebook.com/groups/galsnightnet)

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

September 26 ..... RST Tucson Fall Hamfest - Tucson  
Sunday - October 18..... Making Strides Breast Cancer - Angie, N7EMB  
October 24 ..... Copafest - Maricopa  
Saturday - Oct 31... .... Tucson Walk to end Alzheimer - Angie, N7EMB  
November 7 ..... Cochise Hamfest - Sierra Vista  
November 14 ..... Oro Valley ARC Hamfest - Marana

Jan 17-23, 2021 .....Quartzfest - Kristyn Weed KR1SS

Did you know that you can see the Public Service Opportunities on [soazhamservice.net](http://soazhamservice.net)? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

### WEEKLY EAARS' NETS

#### **Every day:**

Down Under Net - 4:15 am  
Weather Net - 5:30 am

#### **Sunday:**

EAARS Net - 7:00 pm

#### **Monday:**

Gals Night Net - 7:30 pm

#### **Wednesday:**

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,  
Off Season, every third Wednesday of month at 7:30 pm

#### **Saturday:**

ERC (Emergency Response Communications) Net -8:45 am ,  
2nd Saturday of the month (20-25 min duration)

# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick	W8YBM	1st Sunday
Angie	N7EMB	2nd-4th Sunday
Chris	N7JND	3rd-5th Sunday

## ARRL RADIO CONTESTS

August 2020

**1-2** 222 MHz and Up Distance Contest

**15-16** 10 GHz & Up – Round 1

**16** Rookie Roundup – RTTY

For details on all ARRL contests and for non-ARRL contests,  
visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Terry	NV8G
Tom	NOPHT
Wayne	KJ7GLF
Rick	WN2C
Glenn	KK7GB
Tim	AE7OG





This year, we are recognizing two female Ham Radio Operators that earned ARCA's Ham of the Year and Young Ham of the Year awards. Both ladies live in the Tucson area and both are very dedicated to this wonderful hobby of ours. Our two winners are...

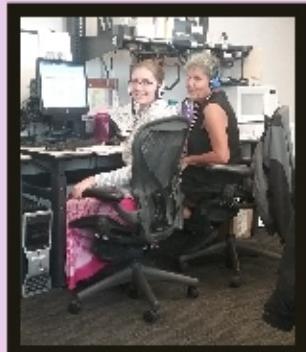
**Angie Buchanan – N7EMB – Ham Of The Year**  
**Annika Smith – KE7JOY – Young Ham Of The Year**

As Ham of the Year, an award handed out by the Amateur Radio Council of Arizona (ARCA), Angie Buchanan, N7EMB, has been awarded this title because of her dedication to Ham Radio in many ways. Since being first licensed in 2006, Angie has used Ham Radio to provide communications for many charity events such as the American Cancer Society, March for Babies and The Alzheimer's Association just to mention a few. She has a dedicated core team of radio operators that provide communications for these events. This was her interest that got her into the Ham Radio. Angie also started the Gals Night Net which has met every Monday evening on the EAARS system for the past 6 years and continues to grow strong every week. She loves getting the licensed female Hams, on the air. She's a Net Control Operator for the El Tour de Tucson bike race and works closely with the Pima County Office of Emergency Management for this event and other events held by PC OEM. Angie is a Net Control Operator of the Sunday Evening EAARS Net and is also the EAARS Newsletter Editor. Angie also holds the title of Vice President of the Arizona Sun Bums Amateur Radio Club (K7BUM). She loves using Ham Radio during her camping trips and setting up and operating in the field. She especially loves Field Day. She enjoys a great QSO and is not shy about getting on the air. Congratulations to Angie Buchanan – N7EMB, our ARCA Ham Of The Year.

Our Young Ham of the Year award this year, which is also awarded by the Amateur Radio Council of Arizona (ARCA), goes to Annika Smith – KE7JOY. Annika received her Technician license in June of 2016 in response to her brother's (KF7LEC) challenge. Annika states on her QRZ page, that she was immediately hooked to this hobby. She joined the Saguaro National Traffic System and became a member, learned how to originate, deliver and pass traffic, and quickly became a Net Control operator for the NTS Traffic Net and continues to do so today. Annika is an example of an excellent Net Control Operator. Annika also loves being Net Control for other events such as the El Tour de Tucson bike race. She also works closely with the Pima County Office Of Emergency Management in various rolls for the bike race along with other positions as needed. Congratulations to Annika Smith – KE7JOY, our ARCA Young Ham of the Year.

Two great licensed female Ham Radio Operators earning awards that are highly deserved. Thank You to the EAARS group and the Arizona Sun Bums for their nominations and to ALL that were involved getting them nominated.

The photo is of both Angie & Annika working together at the Pima County Office of Emergency Management providing communications for the El Tour de Tucson bike race.



# **Amateur Radio Operators Use Old Tech For Worldwide Communications During Pandemic**

*Courtesy of 25 News Week*

PEORIA (WEEK) -- While video chatting apps like Zoom are rising in popularity, a group of local people are using a slightly older technology to stay in touch.

The hobby of amateur radio -- better known as ham radio -- allows people like Jon Dainty and Thomas Hunt to talk with each other and others without having to leave their "shacks" -- coming naturally during the COVID-19 pandemic and Governor Pritzker's stay-at-home order.



Both members of the Peoria-Area Amateur Radio Club, they can talk over different frequencies based on class of license.

Both Dainty and Hunt hold "extra" class licenses -- the highest class -- giving them the ability to talk around the world using HF depending on solar weather conditions.

"...One in Hungary, and one in England, and one in Croatia, as well as hams locally in the U.S.," said Thomas Hunt, trustee at the Peoria Area Amateur Radio Club. "Course, all of us are talking about the COVID-19 virus which we found we have more in common with those who are sheltering-in-place all over the world as we do here in the United States."

Many amateurs are also trained weather spotters -- watching for severe weather and reporting back to the national weather service.

The day of the Washington tornado, amateur radio operators were the first line of communications until cell phones came back.

Hunt says amateurs continue training for disaster communications.

Jason Howell

# Radio Amateurs Help Air Ambulance

Courtesy of ARRL - 07/21/2020

Peru's Radio Club Peruano (RCP) reports that Guillermo Guerra, OA4DTU/XQ3SA, and the Peruvian Relief Net assisted an air ambulance en route to Easter Island on July 9 after its satellite communication equipment failed. The aircraft was about 1,000 nautical miles from the continent, so the pilot tuned to the Peruvian Relief Net on 7100 kHz.



Net control station OA4DTU and Giancarlo Passalacqua, OA4DSN, were still on frequency, and communication was established with the aircraft. The pilot detailed its tenuous connection and requested support to communicate via telephone with Ocean Air Control, a service of the Directorate General of Aeronautics of Chile, which watches over 32 million square kilometers of air space off the Chilean coast in the Pacific.

Authorities were already on alert for the aircraft because of the communication loss, plus the HF at the Easter Island tower was inoperative. About 10 phone calls were made to point out the aircraft's position and route schedule, as well as any additional information needed. Other hams in Peru were listening in and standing by.

Guerra remained in contact with the aircraft until he was sure that it would reach its destination. At approximately 2330 UTC, the pilot reported making VHF contact with the Easter Island control tower for landing instructions. — Thanks to Radio Club Peruano

## Field Day 2020 is Shaping Up to be One for the Record Books

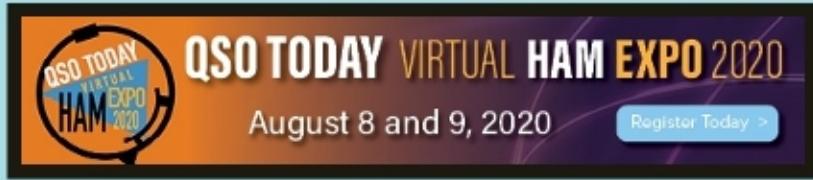
ARRL - 07/16/2020

ARRL Contest Program Manager Paul Bourque, N1SFE, reported that ARRL has received more than 8,700 online Field Day entries by mid-week, and paper-only entries have started arriving too.

"As many participants chose to operate from home this year — and given the 2020 rules waivers, we have seen a tremendous increase in entries over last year's event," Bourque said. "Most of the entries received have been through the online web app, and Headquarters staffers have begun processing the paper entries this week. The 2020 waivers allowed individual club members to attribute their scores to their clubs."



Participants who submitted entries online are encouraged to check the Field Day entries received page to verify that their entries are marked as complete, and that the club name entered is correct. Entries with a status of "pending" are incomplete entries that are missing one or more items, and these need to be completed for an official entry. Share your stories and photos using the ARRL soapbox or via social media, such as on the ARRL Field Day Facebook group.



We are reaching out to let you know that despite the closure of many ham radio events, there is a great opportunity to join your fellow hams and us at the first-ever

**QSO Today Virtual Ham Expo  
on Saturday and Sunday, August 8 – 9, 2020.**

Attendance is free and registration is now open at <https://www.qsotodayhamexpo.com> with early bird prize incentives for registering by July 24, 2020.

Built on a live, virtual platform used by Fortune 500 companies and major universities, this ARRL-sanctioned hamfest will let you:

Learn from a packed line-up of 70+ world renowned ham radio speakers such as Ward Silver, NOAX, on Grounding and Bonding; Glen Johnson, W0GJ, on DXpeditions, and John Portune, W6NBC, on building slot antennas for HOA.

Listen to the amazing keynote by Dr. Scott Wright, K0MD, on COVID-19: Amateur radio's impact on problem solving to create a global response to the pandemic.

Learn from a packed line-up of 70+ world renowned ham radio speakers on a variety of topics for those new to the hobby as well as experienced radio amateurs.

Hear from 6 outstanding youth, our hobby's future leaders.

See demos of the latest ham radio equipment; ask questions and engage with Exhibitors through video, audio, or chat.

Share ideas and network with your fellow hams throughout the Expo.

And if you've never been to a Hamfest or Expo, you can participate from the convenience of your home or office without spending a dime on travel!

This platform simulates a full convention experience with an exhibit hall and exhibit booths staffed by live attendants, speaker auditorium, lobby, and lounges.

Go to <https://www.qsotodayhamexpo.com/> to learn more!

Don't forget to get registered by July 24th!

We look forward to having you join us at Expo for an amazing and engaging experience.

*Courtesy of Gary W7MIN*

## **Eastern Arizona Amateur Radio Society**

### **Minutes of January 21, 2020 Meeting**

1. Meeting was held at the China Taste Restaurant in Safford. This was our annual elections meeting. Prior to meeting members helped themselves to the buffet style dinner.
2. Meeting began with introductions all around.
3. The minutes of the November 18, 2019 meeting were approved.
4. A financial P&L report was approved.
5. New members approved today included: KF7UBT LeDair, KI7EJS David, KR1SS Kristyn, KJ7KJU John, N5GTO Tom, WA7VVV Jim and wife Nancy WA7ZXB.
6. Joe K7JEM spoke on repeater status. Discovered that feed line at Mt. Lemmon has an open condition. We have ordered replacement transmission line. Have also put up a temporary antenna on side of building. Appears to be covering Tucson OK. Greens Pk inop, cannot get there till snow melts this spring. Have some microwave fades at times between Jacks & Heliograph. Fixed bad PA on Mule repeater. Antenna at Mule leaning against tower, will be fixed by tower crew ASAP.
7. Dan AF7EF discussed upcoming winter field day to be held end of January 2020. Will do this at Dave's N7AM house.
8. The winner of the early dues payment campaign is: John KJ7KJU of Benson.
9. Elections were held and the current officers have been retained for another term. President: Dave N7AM, Vice President: Dan AF7EF, Secretary/Treasurer: Larry N5BG.
10. Those attending: K7KIZ Sue, K7KOZ Wade, AA7BM Byron, KG7YMB Ann, KC7ZGJ Gene, KJ7GED Don, KB7PUN Jay, KJ7AXU Roys, AF7EF Dan, WB7QDQ Rob, W7MIN Gary, KC7LEW Luvina, N7AM Dave, K7EMU Wil, K7JEM Joe, KF7SOT Janna, W7DOG Tom, KF7LVC Erica, KF7JCJ John, KF7UFK Elmer, KB7CSE Penny, KI7JPN Mike, KI7KPM Florence

ADJOURNED.

*EAARS is looking into setting up a Zoom club meeting for August 18. An email will go out to the membership to advise all of this meeting.*

# Other Club Stuff

RST holds FREE VE testing on the following dates, 7:00 pm at Hardesty Mid- Town Police Building, 1100 S Alvernon, Tucson.

August 10  
September 14

October 12  
November 9  
December 14

Due to the health and welfare of our amateur ham radio community, all events have been cancelled or postponed, until further notice, due to the current pandemic we are all experiencing!

Please check with your club to see if the event will be rescheduled. I will try to keep us updated.

**Please keep yourself and your family safe! This pandemic may last a few months! Prayers to all!**

If you live in the Graham or Greenlee County and are interested in a VE Testing session, please feel free to contact the EAARS President, Dave Well @ 928-965-8327.

**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**

Cooking up  
Some Magic



# Salsa Verde Chicken Casserole



## Ingredients

2 cups shredded rotisserie chicken  
1 cup sour cream  
1-1/2 cups salsa verde, divided  
8 corn tortillas (6 inches)  
2 cups chopped tomatoes  
1/4 cup minced fresh cilantro  
2 cups shredded Monterey Jack cheese  
Optional toppings: Avocado slices,  
thinly sliced green onions or fresh  
cilantro leaves

## Directions

1. In a small bowl, combine the chicken, sour cream and 3/4 cup salsa. Spread 1/4 cup salsa on the bottom of a greased 8-in. square baking dish.
2. Layer with half of the tortillas and chicken mixture; sprinkle with half the tomatoes, minced cilantro and half of the cheese. Repeat layers with remaining tortillas, chicken mixture, tomatoes and cheese.
3. Bake, uncovered, at 400° until bubbly, 20-25 minutes. Serve with remaining salsa and, if desired, optional toppings.

Prep/Total Time: 30 min.  
Makes 6 Servings

Courtesy of Taste of Home

## Test Kitchen Tips

\*Some like it hot! Add sliced jalapenos to kick the flavor up a notch.

\*When substituting canned tomatoes for fresh, drain them first so you don't end up with soup.

\*Flour tortillas also work well.

\*Leftovers make a hearty breakfast. Serve with a fried or poached egg.

kiss the  
**COOK**